# PATENT COOPERATION TREATY

# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  JPP410	FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB2005/000553	15/02/2005	17/02/2004
Applicant ESCHMANN HOLDINGS LIMITED	}	
according to Article 18. A copy is being tr		thority and is transmitted to the applicant
	s of a total of4 sheets.  y a copy of each prior art document cited in this	s report.
,	. International search was carried out on the banders otherwise indicated under this item.	asis of the international application in the
this Authority (Ru	ule 23.1(b)).	station of the international application furnished to
		d in the international application, see Box No. I.
3. Unity of invention is lace	und unsearchable (See Box II).	
4. With regard to the title.	Ang (see box in).	
	ubmitted by the applicant.	
the lext has been establis	shed by this Authority to read as follows:	
5. With regard to the abstract,		
the text is approved as su		
	shed, according to Rule 38.2(b), by this Authorion the date of mailing of this international sear	
6. With regard to the drawings,		
a. the figure of the drawings to be p	published with the abstract is Figure No. [3]	
X as suggested by		
	is Authority, because the applicant failed to sug	
. —	is Authority, because this figure better characte be published with the abstract.	erizes the invention.
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#### INTERNATIONAL SEARCH REPORT

International Application No PCT/GB2005/000553

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B17/32 A61B17/22 A61B17/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61B A61M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Flectronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category \* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 4 898 574 A (UCHIYAMA ET AL) 1-13, 18-23 6 February 1990 (1990-02-06) column 5, line 38 - column 7, line 16 figures 13,15 14-17 DE 34 21 390 A1 (SCHUBERT, WERNER, DR. MED; 1-13, SCHUBERT, WERNER, DR.MED., 4330 MUELHEIM, 18 - 23DE) 12 December 1985 (1985-12-12) claims 1-3 14-17 figure 1 DE 199 04 640 A1 (WITTENSTEIN GMBH & CO. 1 - 3KG) 10 August 2000 (2000-08-10) column 1, line 40 - column 3, line 18 figures 1,3,4 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of aled documents; \*T' later document published after the international fibriq date or priority date and not in conflict with the application but "A" document delining the general state of the lart which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance, the claimed invention filing date cannot be considered novel or cannot be considered to "I" document which may throw doubts on priority daim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another \*Y\* document of particular relevance, the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the \*O\* document referring to an oral disclosure, use, exhibition or document is combined with one or more other, such docuother means ments, such combination being obvious to a person skilled in the art. 'P' document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 24/05/2005 13 May 2005 frame and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 Mi - 22EO HV Riswik Tel (+31, 70) 340-2040. Tx, 31,651 epoint, Compos, F Fax (+31-70) 340-3016

## INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000553

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	101/402003/000333
Category *	y	Relevant to claim No.
X	DE 195 06 002 A1 (SCHALLER, GUENTER, 79110 FREIBURG, DE) 22 August 1996 (1996-08-22) the whole document	1-3
Y	US 6 423 027 B1 (GONON BERTRAND) 23 July 2002 (2002-07-23) column 4, line 56 - column 5, line 23 figures 3,4	14-17
A	US 6 110 164 A (VIDLUND ET AL) 29 August 2000 (2000-08-29) column 3, line 3 - column 4, line 40 figures 2-6	5,6
	US 2003/125660 A1 (MOUTAFIS TIMOTHY E ET AL) 3 July 2003 (2003-07-03) page 13, paragraph 103 - page 14, paragraph 104 figures 7A,7B	11,13

### INTERNATIONAL SEARCH REPORT

Information on patent family members

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International Application No
PCT/GB2005/000553

	atent document d in search report		Publication date		Patent family member(s)		Publication date
US	4898574	A	06-02-1990	JP	62261346	A	13-11-1987
				JP	62261347	A	13-11-1987
				JP	62261352	Α	13-11-1987
				DE	3715418	A1	12-11-1987
DE	3421390	A1	12-12-1985	NONE			
DE 19904	19904640	A1	10-08-2000	WO	0045719	A2	10-08-2000
				EP	1148828	A2	31-10-2001
DE	19506002	A1	22-08-1996	NONE			
US 6	6423027	B1	23-07-2002	DE	19912844	A1	28-09-2000
				AU	3438100	Α	09-10-2000
				AU	3438200	A	09-10-2000
				EP	1164946	A1	02-01-2002
				EP	1164947	A1	02-01-2002
				MO	0056232		28-09-2000
				WO	0056233		28-09-2000
				JP	2002538929		19-11-2002
				JP	2002538930	T	19-11-2002
US	6110164	Α	29-08-2000	AU	9218198		28-06-1999
	- <del> </del>			WO	9929360	A1	17-06-1999
US 2003125	2003125660	A1	03-07-2003	AU	2002364122	A1	10-06-2003
				CA	2495911	A1	05-06-2003
				EP	1485032	A1	15-12-2004
				WO	03045259	A1	05-06-2003